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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 10591-003008 | Application No. 09/783,725 |
|---|---|---|---|
| **Information Disclosure Statement by Applicant** (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Thomas R. Firman | |
| | | Filing Date February 14, 2001 | Group Art Unit 2641 |

## U.S. Patent Documents

| Examiner Initial | Desig. ID | Patent Number | Issue Date | Patentee | Class | Subclass | Filing Date If Appropriate |
|---|---|---|---|---|---|---|---|
| AAA | AA | 4,829,576 | 05/09/1989 | Porter | 381 | 43 | |
| AAA | AB | 4,783,803 | 11/08/1988 | Baker et al. | 381 | 42 | |
| | AC | | | | | | |
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| | AE | | | | | | |
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## Foreign Patent Documents or Published Foreign Patent Applications

| Examiner Initial | Desig. ID | Document Number | Publication Date | Country or Patent Office | Class | Subclass | Translation Yes | Translation No |
|---|---|---|---|---|---|---|---|---|
| | AL | | | | | | | |
| | AM | | | | | | | |
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| | AP | | | | | | | |

## Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
|---|---|---|
| AAA | AQ | Moser, James, "One Thousand Word Recognizer Expands Applications For Voice Input", Speech Technology, Mar./Apr., 1986, pp. 54-59. |
| | AR | Goldhor, Richard, "Speech Input System Heeds Data and Commands With 1000-Word Recognition", Electronic Design, June 27, 1985, pp. 147-152. |
| | AS | Kurzweil, Raymond, "A Large Vocabulary Voice Activated Word Processor", Speech Tech '87, pp. 5-8. |
| | AT | Kurzweil, Raymond, "A Large Vocabulary Voice Activated Word Processor", Speech Tech '85, pp. 33-38. |
| AAA | AU | http://www.dragonsys.com/main/docs/about/milestone. Html, 9/25/01, p. 7 |

| Examiner Signature | Date Considered |
|---|---|
| Anale Armstrong | 4/13/07 |

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

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### Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
|---|---|---|
| AAA | AV | VoiceScribe DragonWriter, Installation Manual, Release 3.00, 1986, Chapter 1, "About VoiceScribe". |
| AAA | AW | |

| Examiner Signature | Date Considered |
|---|---|
| Angela Armstrong | 6/13/07 |

EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

| SUBSTITUTE FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT & TRADEMARK OFFICE | ATTY. DOCKET NO. 02990/003004 | | SERIAL NO. 08/783,725 |
|---|---|---|---|---|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR §1.98(b)) | | APPLICANT Thomas R. Firman | | |
| | | FILING DATE February 23, 1994 | GROUP | |

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**U.S. PATENT DOCUMENTS**

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| AAA | A | 4 4 6 2 0 8 0 | 7/24/84 | Johnstone et al. | 395 | 2 | |
| | B | 4 7 0 4 6 9 6 | 11/03/87 | Reimer et al. | 395 | 2 | |
| | C | 3 9 2 8 7 2 4 | 12/23/75 | Bryman et al. | 179 | 1 | |
| | D | 4 6 8 8 1 9 5 | 8/18/87 | Thompson et al. | 364 | 300 | |
| | E | 4 9 0 7 2 7 4 | 5/03/90 | Nomura et al. | 300 | 30 | |
| | F | 4 9 2 2 5 3 8 | 5/01/90 | Tchorzewski | 381 | 42 | |
| | G | 4 9 6 2 5 3 5 | 10/09/90 | Kiwara et al. | 381 | 43 | |
| | H | 5 0 3 6 5 3 8 | 7/30/91 | Oken et al. | 381 | 43 | |
| | I | 5 0 5 4 0 8 2 | 10/01/91 | Smith et al. | 381 | 42 | |
| | J | 5 0 8 6 4 7 2 | 2/04/92 | Yoshida | 381 | 43 | |
| AAA | K | 5 0 9 5 5 0 8 | 3/10/92 | Fujimoto | 381 | 43 | |

**FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION**

| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | YES | NO |
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| AAA | AT | Calingaert, "Assemblers, Compilers, and Program Translation", Computer Science Press, 1979, pp. 142-150. |
| | AU | "HearHere Toolbox", sales brochure from SID Products, Inc. |
| | AV | "SID" sound digitizer, assembly manual, available from CEDAR Technologies, P.O.Box 224, Dublin, NH 03444 |
| AAA | AW | Shipman, "MacRecorder - A Speech Digitizer for the Macintosh", MBUG Newsletter, Fall 1985. |
| AAA | AX | V. Zue, S. Seneff and J. Glass, "Speech Database Development at MIT: TIMIT and Beyond", Speech Communication, Vol. 9, (1990) pp. 351-356. |

| EXAMINER Angela Armstrong | DATE CONSIDERED 6/13/07 |
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EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

| SUBSTITUTE FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT TRADEMARK OFFICE | ATTY. DOCKET NO. 02990/003004 | SERIAL NO. 09/783,725 |
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

(Use several sheets if necessary)

(37 CFR 1.98(b))

| APPLICANT |
|---|
| Thomas R. Fizrman |

| FILING DATE February 23, 1994 | GROUP |
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## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| AAA | Q | 4 7 8 3 8 0 3 | 11/08/88 | Baker et al. ✓ | 381 | 42 | |
| | R | 4 1 4 4 5 8 2 | 3/13/79 | Hyatt | 381 | 43 | |
| | S | 4 6 3 7 0 0 1 | 12/02/86 | Stapleford et al. | 381 | 48 | |
| | T | 4 6 7 7 5 6 9 | 6/30/87 | Nakano et al. | 381 | 43 | |
| | U | 4 7 7 8 0 1 6 | 10/04/88 | Hansen | 381 | 42 | |
| | V | 4 8 1 1 2 4 3 | 3/07/89 | Racine | 381 | 43 | |
| | W | 4 8 2 7 5 2 0 | 5/02/89 | Zeinstra | 381 | 41 | |
| | X | 4 7 9 9 1 4 4 | 1/17/89 | Parruck et al. | 364 | 200 | |
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| | Z | 4 9 3 1 9 5 0 | 6/05/90 | Isle et al. ✓ | 381 | 110 | |
| AAA | AA | 4 9 4 9 3 8 2 | 8/14/90 | Griggs | 381 | 44 | |

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION YES | TRANSLATION NO |
|---|---|---|---|---|---|---|---|---|
| | AB | | | | | | | |
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| AAA | BO | Holley R. Lange, "Voice Recognition and Voice Response: A Report on Tomorrow's Technologies, _Proceeding of the Eleventh National Online Meeting_, May 1-3, 1990, pp. 233-240. |
| AAA | BR | M. Brandetti et al., "Building Reliable Large Speech Databases: An Automated Approach", _Signal Processing IV_, Vol. 1, pp. 147-150. |
| AAA | BS | J. Caelen, "An Acquisition and Research System for an Evolving Nucleus of Acoustic-Phonetic Knowledge" _IEEE_, 8th Int'l. Conference on Pattern Recognition, Paris, France, Oct. 27-31, 1986, pp. 896-898. |
| AAA | BT | Japanese language "Transactions of the Institute of Electronics, Information and Communication Engineers", Series D, Vol. J73-D-II, No. 10, October 1990, pp. 1619-1629. |

| EXAMINER Angela Armstrong | DATE CONSIDERED 6/13/07 |
|---|---|

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| SUBSTITUTE FORM PTO-1449 (MODIFIED) | U.S. ~~~ENT OF COMMERCE PATE~. ~~~TRADEMARK OFFICE | ATTY. DOCKET NO. 02990/003004 | | SERIAL NO. 09/783,725 |
|---|---|---|---|---|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b)) | | APPLICANT Thomas R. Firman | | |
| | | FILING DATE February 23, 1994 | GROUP | |

### U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | | | | | | | | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
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| A7A | AE | 4 | 9 | 8 | 4 | 1 | 7 | 7 | | 1/08/91 | Rondel et al. | 364 | 513.5 | |
| | AF | | | | | | | | | | | | | |
| | AG | | | | | | | | | | | | | |
| | AH | | | | | | | | | | | | | |
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| | AT | | | | | | | |

### OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

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|---|---|---|
| AAA | AU | Head, "Boulder Software Firm Has Affinity for MAC", Denver Business Journal, Vol. 38, No. 23, March 2, 1987, Sec. 1, p. 15. |
| | AV | Yavelow, "Digital Sampling on the Apple Macintosh", Byte, June 1986, pp. 171-183. |
| AAA | AW | Evans, "Talking to the Bug", MicroCad News, March, 1989, pp. 58-61. |
| | AX | Manual, Inside Macintosh Volume I, Apple Computer, Inc., "The Toolbox Event Manager", pp. 1-243-1-260, 1985. |
| AAA | AY | VoiceScribe DragonWriter, Installation Manual, Release 3.00, Dragon Systems, Inc. |

| EXAMINER Angela Armstrong | DATE CONSIDERED 6/13/07 |
|---|---|

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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

| APPLICANT Thomas R. Firman | |
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| FILING DATE February 23, 1994 | GROUP |

## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| | AV | | | | | | |
| | AW | | | | | | |
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| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION YES | TRANSLATION NO |
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| | BG | | | | | | | |
| | BH | | | | | | | |
| | BI | | | | | | | |

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|---|---|---|
| | BL | VoiceScribe DragonWriter, DragonKEY User's Manual, Release 3.00, Dragon Systems, Inc. |
| HAA | BM | Hendriks, "A Formalism for Speech Database Access", Speech Communication Abstract of Article, Vol. 9, (1990) pp. 381-388. |
| AAA | BN | Carlson et al., "The Kth Speech Database", Speech Communication Abstract of Article, Vol. 9 (1990), pp. 375-380. |
| AAA | BO | Hedelin et al., "The Cth Speech Database: An Integrated Multilevel Approach, Speech Communication Abstract of Article, Vol. 9 (1990), pp. 365-374. |
| | BP | Kurematsu et al., "ATR Japanese Speech Database As a Tool of Speech Recognition and Synthesis", Speech Communication Abstract of Article, Vol. 9 (1990), pp. 357-363. |

| EXAMINER Angela Armstrong | DATE CONSIDERED 4/13/07 |
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| SUBSTITUTE FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 02990___006 | SERIAL NO. 09/783,72? |
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INFORMATION DISCLOSURE
STATEMENT BY APPLICANT
(Use several sheets if necessary)

(37 CFR 1.98(b))

| APPLICANT | Thomas R. Firman | |
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## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
| AAA | AA | 5 2 3 1 6 7 0 | 07/27/93 | Goldhor et al. | 381 | 43 | 03/19/92 |
| | AB | | | | | | |
| | AC | | | | | | |
| | AD | | | | | | |
| | AE | | | | | | |
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| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION YES | NO |
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| | AL | | | | | | | |
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| | AO | | | | | | | |
| | AP | | | | | | | |

## OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)

| | | |
|---|---|---|
| AAA | AQ | Peterson et al., "Operating System Concepts", 1985, p. 136 |
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| EXAMINER  Angela Armstrong | DATE CONSIDERED 6/15/07 |
|---|---|

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Substitute Disclosure Form (PTO-1449)

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|---|---|---|---|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b)) | | APPLICANT Thomas R. Firman | |
| | | FILING DATE February 23, 1994 | GROUP 2308 |

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## U.S. PATENT DOCUMENTS

| EXAMINER INITIAL | | PATENT NUMBER | ISSUE DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
|---|---|---|---|---|---|---|---|
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| | AB | 4 9 1 4 7 0 4 | 4/03/90 | Cole et al. | 381 | 43 | |
| | AC | 5 0 2 2 0 8 1 | 6/04/91 | Hirose et al. | 381 | 43 | |
| AAA | AD | 5 2 0 8 7 4 5 | 5/04/93 | Quentin et al. | 364 | 188 | |

## FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION

| | | DOCUMENT NUMBER | PUBLICATION DATE | COUNTRY OR PATENT OFFICE | CLASS | SUBCLASS | TRANSLATION | |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | YES | NO |
| | AE | 60-120429 | 6/85 | Japan | G06F3/16 | | yes | |

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| | AH | Goldhor, "A Large-Capacity Highly-Programmable Speech Recognition System", Speech Tech '85, pp. 123-126. |
| | AI | Jelinek, "The Development and Use of A 20,000 Speech-Driven Word processor", p. 163. |
| | AJ | Davis et al., "Reconfigurable Cockpit Development", IEEE, 1988, pp. 840-843. |
| | AK | Hartley et al., "Use of Heads-Up Displays, Speech Recognition, and Speech Synthesis In Controlling A Remotely Piloted Space Vehicle", IEEE, 1986, pp. 338-345. |
| | AL | Fisher et.al., "Virtual Environment Display System", Proceedings 1986 Workshop on Interactive 3D Graphics, October 23-24, 1986, pp. 77-87. |
| | AM | Riley, "Experiences with an Integrated Voice and Text Message Service", Proceedings of the Human Factors Society, 31st Annual Meeting, 1987. pp. 270-274. |
| | AN | Mitchell, "Multimodal User Input to Supervisory Control Systems: Voice-Augmented Keyboard", IEEE Transactions on Systems, Man and Cybernetics, Vol. SMC 17, No. 4, July/Aug. 1987, pp. 594-607. |
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| EXAMINER Angela Armstrong | DATE CONSIDERED 6/13/07 |
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|---|---|---|---|---|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b)) | | APPLICANT Thomas R. Firman | | |
| | | FILING DATE February 23, 1994 | | GROUP 2308 |

| | | | OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) |
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| | BE | | Forren et al., "Voice Input in Real Time Decision Making", Proceedings of the 1986 IEEE International Conference on Systems, Man, and Cybernetics, 1986, pp. 879-884. |
| | BF | | Gibson et al., "Effective Control Strategies for the Virtual Cockpit", SID 86 Digest, pp. 448-451. |
| | BG | | Ferber, "Source Data Entry Alternatives", P&IM Review with APICS News, September, 1986, pp. 56,58,60,75. |
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| | BK | | Edwards, "Micro-Based Writing Tools for Office Professionals", The Office, November 1985, pp. 130,132,135. |
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| | BM | | Schmandt, "Augmenting a Window System With Speech Input", Computer, August 1990, IEEE, Vol. 23, No. 8, pp. 50-56. |
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| EXAMINER  Angela Armstrong | DATE CONSIDERED  6/13/07 |
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Substitute Disclosure Form (PTO-1445

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| | | FILING DATE February 23, 1994 | GROUP 2308 |

| | | OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) |
|---|---|---|
| *AAA* | CA | Myers, "A Taxonomy of Window Manager User Interfaces", IEEE Computer Graphics & Applications, September 1988, pp. 65-77. |
| | CB | Isenberg, "Designing Speech Recognition Interfaces for Talkers and Tasks", Human-Computer Interaction, Advances in Human Factors/Ergonomics, 1, Honolulu, Hawaii, August 18-20, 1984. |
| | CC | Gould, "Revising Documents with Text Editors, Handwriting-Recognition Systems, and Speech-Recognition Systems, Human Factors, 1984, 26(4) pp. 391-406. |
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| | CO | Hauptmann et al., "Talking to Computers: An Empirical Investigation", Int.J.Man-Machine Studies, 1988, 28 pp. 583-604. |
| *AAA* | CP | Schmandt, "Voice and Graphics In a Conversational Office Environment", Artificial Intelligence & Advanced Computer Technology Conference and Exhibition, Long Beach, CA, April 29-May 1, 1986, pp. 445-451. |

| EXAMINER Angela Armstrong | DATE CONSIDERED 6/13/07 |
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Substitute Disclosure Form (PTO-1449

| SUBSTITUTE FORM PTO-1449 (MODIFIED) | U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | ATTY. DOCKET NO. 02990/003006 | SERIAL NO. ~~08/200,886~~ 08/783,725 |
|---|---|---|---|
| INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary) (37 CFR 1.98(b)) | | APPLICANT Thomas R. Firman | |
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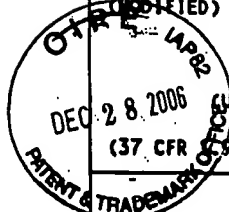| OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication) | | |
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| EXAMINER Angela Armstrong | DATE CONSIDERED 12/13/07 |
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| INFORMATION DISCLOSURE<br>STATEMENT BY APPLICANT<br>(Use several sheets if necessary)<br><br>(37 CFR 1.98(b)) | | APPLICANT<br>Thomas R. Firman | |
| | | FILING DATE<br>February 23, 1994 | GROUP<br>2308 |

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| EXAMINER<br>INITIAL | | PATENT NUMBER | ISSUE<br>DATE | PATENTEE | CLASS | SUBCLASS | FILING DATE<br>IF APPROPRIATE |
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| | BC | | | | | | | |
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| EXAMINER  Angele Armstrong | DATE CONSIDERED  6/13/07 |
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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 10591-003008 | Application No. 09/783,725 |
|---|---|---|---|
| **Information Disclosure Statement by Applicant** (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Thomas R. Firman | |
| | | Filing Date February 14, 2001 | Group Art Unit 2654 |

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| *Rudle Armstrong* | 4/30/07 |

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| | | Filing Date February 14, 2001 | Group Art Unit 2654 |

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| Angela Amstrong | 4/30/07 |

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| *[signature]* | 4/30/07 |

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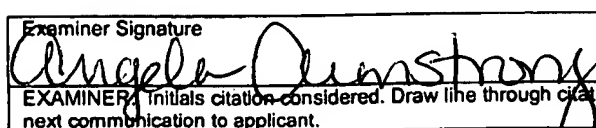| Examiner Signature | Date Considered |
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| Angele Armstron | 4/30/07 |

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| (37 CFR §1.98(b)) | | Filing Date February 14, 2001 | | Group Art Unit 2654 |

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|---|---|---|---|
| **Information Disclosure Statement by Applicant** (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Thomas R. Firman | |
| | | Filing Date February 14, 2001 | Group Art Unit 2654 |

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Applicant
Thomas R. Firman

Filing Date
February 14, 2001

Group Art Unit
2654

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| Thomas R. Firman |

| Filing Date<br>February 14, 2001 | Group Art Unit<br>2654 |
|---|---|

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Examiner Signature: *Angelo Armstrong*   Date Considered: 4/30/07

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| | | Filing Date February 14, 2001 | Group Art Unit 2654 |

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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 10591-003008 | Application No. 09/783,725 |
|---|---|---|---|
| **Information Disclosure Statement by Applicant** (Use several sheets if necessary) (37 CFR §1.98(b)) | | Applicant Thomas R. Firman | |
| | | Filing Date February 14, 2001 | Group Art Unit 2654 |

| Exr Initials | BATES NO. BEGIN | BATES NO. END | AUTHOR(S) | DOC. DATE | DOCUMENT DESCRIPTION |
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| Examiner Signature *Angela Armstrong* | Date Considered 4/30/07 |
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| Examiner Signature Angela Armstrong | Date Considered 4/30/07 |
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| *[signature]* Angela Armstrong | 4/30/07 |

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| Examiner Signature *Angela Armstrong* | Date Considered 7/30/07 |
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| | | Filing Date February 14, 2001 | | Group Art Unit 2654 |

## Other Documents (include Author, Title, Date, and Place of Publication)

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|---|---|---|
| *AAA* | AD | Articulate Systems Inc. v. Apple Computer, Inc., "Defendant Apple Computer, Inc.'s Objections and Answers to Articulate Systems, Inc.'s First Set of Interrogatories, July 8, 1996. |
| | AE | Articulate Systems Inc. v. Apple Computer, Inc., "Defendant Apple Computer, Inc.'s First Supplemental Objections and Answers to Articulate Systems, Inc.'s First Set of Interrogatories", Nov. 27, 1996. |
| | AF | Articulate Systems Inc. v. Apple Computer, Inc., "Complaint and Jury Demand", Feb. 2, 1996. |
| | AG | Articulate Systems Inc. v. Apple Computer, Inc., "Answer and Counterclaim of Defendant to Complaint for Patent Infringement", April 18, 1996. |
| | AH | Articulate Systems Inc. v. Apple Computer, Inc., "Plaintiff Articulate Systems' Reply to Defendant Apple's Counterclaim", April 25, 1996. |
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| | AJ | Articulate Systems, Inc. v Apple Computer, Inc., "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AK | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit B "Plaintiff Articulate Systems, Inc.'s Responses and Objections to Defendant Apple Computer, Inc.'s First Set of Interrogatories" to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AL | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit C "TM file history for VOICE NAVIGATOR (stylized)" to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AM | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit D "Rimpexchile letter to Ivan Mimica, May 4, 1988" to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AN | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit E "Computer Learning Systems, Inc., Puffer letter to Ivan Mimica, March 29, 1988" to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AO | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit F "Deposition transcript of Barbara Gallinaro", to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AP | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit G "Articulate Systems Inc., Business Plan, as of January 10, 1989" to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AQ | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit H "ClinMan Inc, German letter to Ivan Mimica, dated April 22, 1988" to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
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| AAA | AS | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit J "Maya Brochure" to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AT | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit K "Supplemental Information Disclosure Statement, filed December 9, 1993" to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AU | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit L "NASA, 'A Speech Recognition Interface for the Advanced Extravehicular Mobility Unit'" to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AV | Articulate Systems, Inc. v Apple Computer, Inc., Exhibit 2 "TMEP excerpted pages" to "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. § 102(b), February 5, 1997. |
| | AW | Skenyon, letter to Patricia Coppola dated April 4, 1997, re blowups re offers for sale. |
| | AX | Hebert, letter to Patricia Coppola dated April 17, 1998, enclosing copies of charts used by Articulate during hearing of April 16, 1998. |
| | AY | Articulate Systems Inc. v. Apple Computer, Inc., "Defendant Apple Computer, Inc's Motion For Summary Judgment That Articulate's Patent Is Invalid For Indefiniteness", Sept. 12, 1997. |
| | AZ | Articulate Systems Inc. v. Apple Computer, Inc., Exhibit B, "Deposition of Thomas Firman" to "Defendant Apple Computer, Inc's Motion For Summary Judgment That Articulate's Patent Is Invalid For Indefiniteness", Sept. 12, 1997. |
| | AAA | Articulate Systems Inc. v. Apple Computer, Inc., Exhibit C, "Deposition of David Feigenbaum" to "Defendant Apple Computer, Inc's Motion For Summary Judgment That Articulate's Patent Is Invalid For Indefiniteness", Sept. 12, 1997. |
| | ABB | Articulate Systems Inc. v. Apple Computer, Inc., Exhibit D, "Firman, U.S. Patent Application, Voice Controlled Computer Interface" to "Defendant Apple Computer, Inc's Motion For Summary Judgment That Articulate's Patent Is Invalid For Indefiniteness", Sept. 12, 1997. |
| | ACC | Articulate Systems Inc. v. Apple Computer, Inc., Exhibit E, "Deposition of Timothy John Crawford Morgan" to "Defendant Apple Computer, Inc's Motion For Summary Judgment That Articulate's Patent Is Invalid For Indefiniteness", Sept. 12, 1997. |
| | ADD | Articulate Systems Inc. v. Apple Computer, Inc., Exhibit F, "Examiner's Office Action dated July 14, 1992" to "Defendant Apple Computer, Inc's Motion For Summary Judgment That Articulate's Patent Is Invalid For Indefiniteness", Sept. 12, 1997. |
| | AEE | Articulate Systems Inc. v. Apple Computer, Inc., " Defendant Apple Computer, Inc.'s Certificate of Compliance with Local Rule 7.1(A)(2)" Sept. 12, 1997 |
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| Angela Armstrong | 4/30/07 |

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| AIA | AII | Olsen, letter to Lussier dated Nov. 3, 1997. |
| | AGG | Lussier, letter to Olson dated Nov. 4, 1997. |
| | AKK | Olsen, letter to Lussier dated Nov. 5, 1997. |
| | ALL | Articulate Systems Inc. v. Apple Computer, Inc., "Articulate's Opposition to Apple's Motion for Leave to File a Reply Brief in Support Of Its Summary Judgment Motion That Articulate's Patent Is Invalid For Indefiniteness", Nov. 24, 1997. |
| | AMM | Articulate Systems Inc. v. Apple Computer, Inc., "Apple Computer Inc.'s Supplemental Memorandum In Support Of Its Motions For Summary Judgment", April 30, 1998. |
| | ANN | Articulate Systems Inc. v. Apple Computer, Inc., "Plaintiff's Articulate's Supplemental Memorandum re Apple's Summary Judgment Motions Heard on April 16, 1998", April 30, 1998. |
| | AOO | Articulate Systems Inc. v. Apple Computer, Inc., "Report and Recommendation Regarding Defendant's Motion For Summary Judgment That Plaintiff's Patent Is Invalid Under 35 U.S.C. §102(b) (Docket No. 35), April 16, 1999. |
| | APP | Articulate Systems Inc. v. Apple Computer, Inc., "Order On Report and Recommendation Of The Magistrate Judge Regarding Defendant's Motion For Summary Judgment On The Issue Of Patent Invalidity", May 11, 1999. |
| | AQQ | Articulate Systems Inc. v. Apple Computer, Inc., "Report and Recommendation Regarding Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Articulate's Patent is Invalid For Indefiniteness (Docket No. 135)", July 21, 1999. |
| | ARR | Articulate Systems Inc. v. Apple Computer, Inc., "Objections To Report and Recommendation Regarding Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Articulate's Patent Is Invalid For Indefiniteness", Aug, 4, 1999. |
| | ASS | Articulate Systems Inc. v. Apple Computer, Inc., "Articulate's Response to Apple's Objections To The Magistrate Judge's Report and Recommendation Regarding Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Articulate's Patent Is Invalid For Indefiniteness", Aug 19, 1999. |
| | ATT | Articulate Systems Inc. v. Apple Computer, Inc., "Defendant Apple Computer, Inc.'s Motion For Impoundment of Confidential Information", Feb. 5, 1997. |
| | AUU | Articulate Systems Inc. v. Apple Computer, Inc., "Defendant Apple Computer, Inc.'s Motion For Summary Judgment That Plaintiff Articulate Systems Inc.'s Patent Is Invalid Under 35 U.S.C. §102(b)", Feb. 5, 1997. |
| | AVV | Articulate Systems Inc. v. Apple Computer, Inc., "Articulate's Assented–To Motion To Impound Documents Containing Confidential Material", filed March 12, 1997, allowed April 3, 1997. |
| | AWW | "Dependent Claims That Refer to High Level or Higher Level Events", from Patent No. 5,377,303. |
| | AXX | Articulate Systems Inc. v. Apple Computer, Inc., Deposition Transcript of Timothy John Crawford Morgan, April 2, 1997. |
| | AYY | U.S. Application Serial No. 07/973,435, filed Nov. 9, 1992, "Response to Action Dated 3/11/93", April 13, 1993. |
| AIA | AZZ | Articulate Systems Inc. v. Apple Computer, Inc., " Declaration of Christopher N. Olsen In Support of Apple's Motion For Summary Judgment That Articulate's Patent Is Invalid For Indefiniteness", Sept. 9, 1997. |

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| Substitute Form PTO-1449 (Modified) | U.S. Department of Commerce Patent and Trademark Office | Attorney's Docket No. 10591-003008 | Application No. 09/783,725 |
|---|---|---|---|
| **Information Disclosure Statement by Applicant** (Use several sheets if necessary) | | Applicant Thomas R. Firman | |
| (37 CFR §1.98(b)) | | Filing Date February 14, 2001 | Group Art Unit 2654 |

## Other Documents (include Author, Title, Date, and Place of Publication)

| Examiner Initial | Desig. ID | Document |
|---|---|---|
| *A+A* | AAAA | Articulate Systems Inc. v. Apple Computer, Inc., Transcript of Deposition Upon Oral Examination of Thomas Firman, April 4, 1997. |
| | ABBB | Articulate Systems Inc. v. Apple Computer, Inc., Deposition transcript of David L. Feigenbaum, May 2, 1997. |
| | ACCC | Application copy, "Voice Controlled Computer Interface", filed June 23, 1989. |
| | ADDD | Examiner's action dated July 14, 1992. |
| *A+A* | AEEE | Applicant's response to examiner's action dated January 9, 1992, filed May 11, 1992. |

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| Examiner Signature *Angela Armstrong* | Date Considered *1/30/67* |
|---|---|

EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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